



Supplementary Figure 13. PhasiRNAs are abundant in the *B. hordei* locus BLGH_03674 encoding a pseudogenized Sgk2 kinase. PhasiRNA-rich loci indicative of phasing in the genome of *B. hordei* were detected using ShortStack pipeline v3.8.5-1 (Johnson *et al.* 2016), the PHASIS pipeline (Kakrana *et al.* 2017), and unitas v1.7.0 (Gebert *et al.* 2017). The figure shows an example of a phased locus in *B. hordei*, containing the gene *BLGH_03674*, which is the partial open reading frame of a gene encoding a Sgk2 kinase. From top to bottom, the position on the scaffold, scaffold name and window, gene and transposable element annotations, and sample names are indicated. Read coverage is indicated left of each mapping profile. Red lines indicate reads mapping in sense orientation of the displayed sequence window; blue lines show reads mapping in antisense orientation. The putative trans-activating RNA (tasiRNA) is indicated with an asterisk. The figure was generated after manual inspection with Integrative Genome Viewer (IGV; (Robinson *et al.* 2017)).